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(71) Applicant (for all designated States except US): NOKIA NETWORKS OY [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(72) Inventors; and
(75) Inventors/Applicants (for US only): PEKONEN, Jo-

(72) Inventors; and

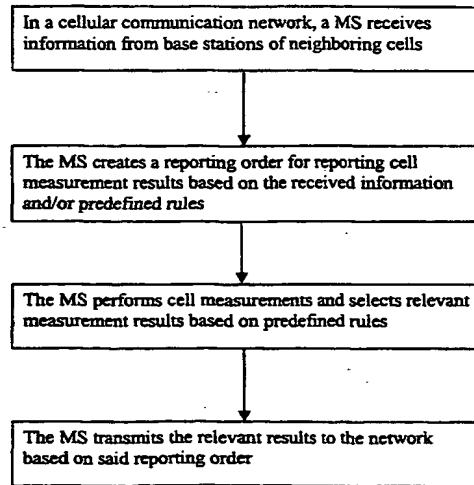
(75) Inventors/Applicants (for US only): PEKONEN, Johanna [FI/FI]; Otsolahdentie 7 D 45, FIN-02110 Espoo (FI). FRIMAN, Leif [FI/FI]; Satakunnanpolku 34, FIN-04400 Järvenpää (FI). JOKINEN, Harri [FI/FI]; Vähähiidentie 450, FIN-25370 Hiisi (FI).

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(57) Abstract: The present invention relates to reporting cell measurement results associated with a plurality of cells of a cellular communication system. The reporting is transmitted from a station via a radio interface to receiver element of a cell serving the station. The cells are arranged in a reporting order that is to be used by the station for the reporting. The cell measurements are performed by the transceiver station for getting cell measurement results associated with a number of the cells. Relevant cell measurement results are then selected and the selected results are transmitted in the defined reporting order.